

Atlantic Richfield Company

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July 27, 2018

Jim Ford
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**RE: Follow-Up Communication to the July 11 Parrot Tailings Mine Waste Removal,
Groundwater Monitoring Well Abandonment Meeting**

Jim,

Thank you for sitting down with us earlier this month and for the follow-up letter (July 18, 2018). The meeting was productive and there appears to be opportunity for continued collaboration in the future. As discussed, Atlantic Richfield will agree to the following general components:

1. Atlantic Richfield will provide permission to NRDP to abandon Atlantic Richfield monitoring well BPS11-20.
2. Atlantic Richfield will contract with a driller (O'Keefe Drilling or other) for the following:
 - a. Installation of upgradient wells and collection of a core near GS-09-03. The location of these wells will be upgradient of the general construction footprint of the Parrot project. Atlantic Richfield will provide a geologist to guide both the siting and completion depth of each new well. This work will be detailed in a forthcoming Request for Change (RFC).
 - b. Once the Parrot Tailings project is complete, Atlantic Richfield will contract with a driller to install replacement wells for any monitoring wells deemed necessary for replacement by Atlantic Richfield.
3. Atlantic Richfield will provide the following MSD Sub-Drain data to NRDP:
 - a. Flow data for the duration of the Parrot Construction Project sampling effort. This data will be provided on a bi-annual interval.
 - b. Sampling data from 2017, including flow measurements obtained during NRDP sampling events. Similarly, sample results from 2018 and forward will be provided once validation is completed.
 - c. Video data to NRDP from the MSD Sub-Drain inspection. A current video inspection report is being developed. Two additional video inspections are planned for 2019.
 - d. Historic and current flow data from the MSD Sub-Drain Vault (bi-annual interval).
 - e. Historic and current flow and water quality data from HCC-OUT (bi-annual interval).
4. NRDP can obtain historic Silver Bow Creek monitoring station MSD-OUT data from the BPSOU web portal (<https://etl.treccorp.com>) under "Surface Water (Chemistry)." Once sample results have been validated under the Parrot Removal Monitoring SAP they will also be uploaded to the BPSOU web portal.

In return, NRDP will give written agreement to Atlantic Richfield for the following:

1. NRDP to provide:
 - a. Access as needed to any NRDP monitoring well within the upper Silver Bow Creek (uSBC) drainage for sampling. An Atlantic Richfield representative will make arrangements at least two days in advance of any needed sampling access.
 - b. All sample results obtained from the NRDP Draft Final – Parrot Tailings Waste Removal Performance Monitoring Work Plan (2017) in a user-friendly electronic format (Excel, Access, etc.).
 - c. Access to locations specified in item 2 above, as needed by Atlantic Richfield. An Atlantic Richfield representative will make arrangements at least two days in advance of any needed access.
2. NRDP will protect, in place, monitoring well AMW-08, the newly installed monitoring wells (see item 2 above), and will notify Atlantic Richfield at least one month in advance if these monitoring well locations will need to be extended or require other modification to accommodate changing surface conditions.

Additionally, Montana Department of Environmental Quality (DEQ) will provide written interim approval for Atlantic Richfield to proceed with monitoring activities under the existing Atlantic Richfield monitoring plan for the Parrot Tailings construction project. This plan will be expanded and revised by Atlantic Richfield to include consideration and potential impacts resulting from upcoming remedial action activities as described in the proposed BPSOU remedy agreement. The revision will be provided in advance of significant components of remedial activities taking place.

Thank you for your cooperation in completing this effort.

Sincerely,



Josh Bryson
Operations Project Manager
Remediation Management Services Company
An affiliate of **Atlantic Richfield Company**

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Mary Capdeville - NRDP
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